Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently amended) A method for coding video frames in a video compression system having coding mode biases, including automatically scaling the coding mode biases as a function of the number of bits used to represent samples of the input image for the video frames being compressed ~~of coding precision used to code video frames in the video compression system~~.

Claims 2-26 (Canceled)

27. (Currently amended) A computer program, stored on a computer-readable medium, for coding video frames in a video compression system having coding mode biases, the computer program comprising instructions for causing a computer to automatically scale the coding mode biases as a function of the number of bits used to represent samples of the input image for the video frames being compressed ~~of coding precision used to code video frames in the video compression system~~.

Claims 28-52 (Canceled)

53. (Currently amended) A system for coding video frames in a video compression system having coding mode biases, including:

(a) means for inputting one or more video frames to be compressed; and

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(b)   means for automatically scaling the coding mode biases
for such video frames as a function of the number of bits <u>used
to represent samples of the input image for the video frames
being compressed</u> ~~of coding precision used to code such video
frames~~.

Claims 54-85 (Canceled)